



**US Army Corps
of Engineers®**
New Orleans District

Inner Harbor Navigation Canal Lock Replacement Project

Inner Harbor Navigation Canal Lock Replacement Facts

★ River and Harbor Act of 1956 -

- Authorized the construction of a new lock and connecting channel when economically justified by obsolescence or by increased traffic

★ WRDA 1986

- Re-authorized the project and established Cost Sharing requirements

★ WRDA 1996

- Authorized Community Impact Mitigation Plan

★ Cost shared

- 50% Federal / 50% IWW Fund - shallow draft portion;
- 65% Federal / 35% Non-Federal - deep draft portion

★ Sponsor

- Port of New Orleans

- 
- IHNC Lock (known locally as the Industrial Canal Lock) was completed in 1921
 - Target for replacement for over 40 years

*LOCKS at INDUSTRIAL CANAL, NEW-ORLEANS, LA.
LINKING THE MISSISSIPPI RIVER WITH LAKE PONCHATRAIN*

May 5th 1922

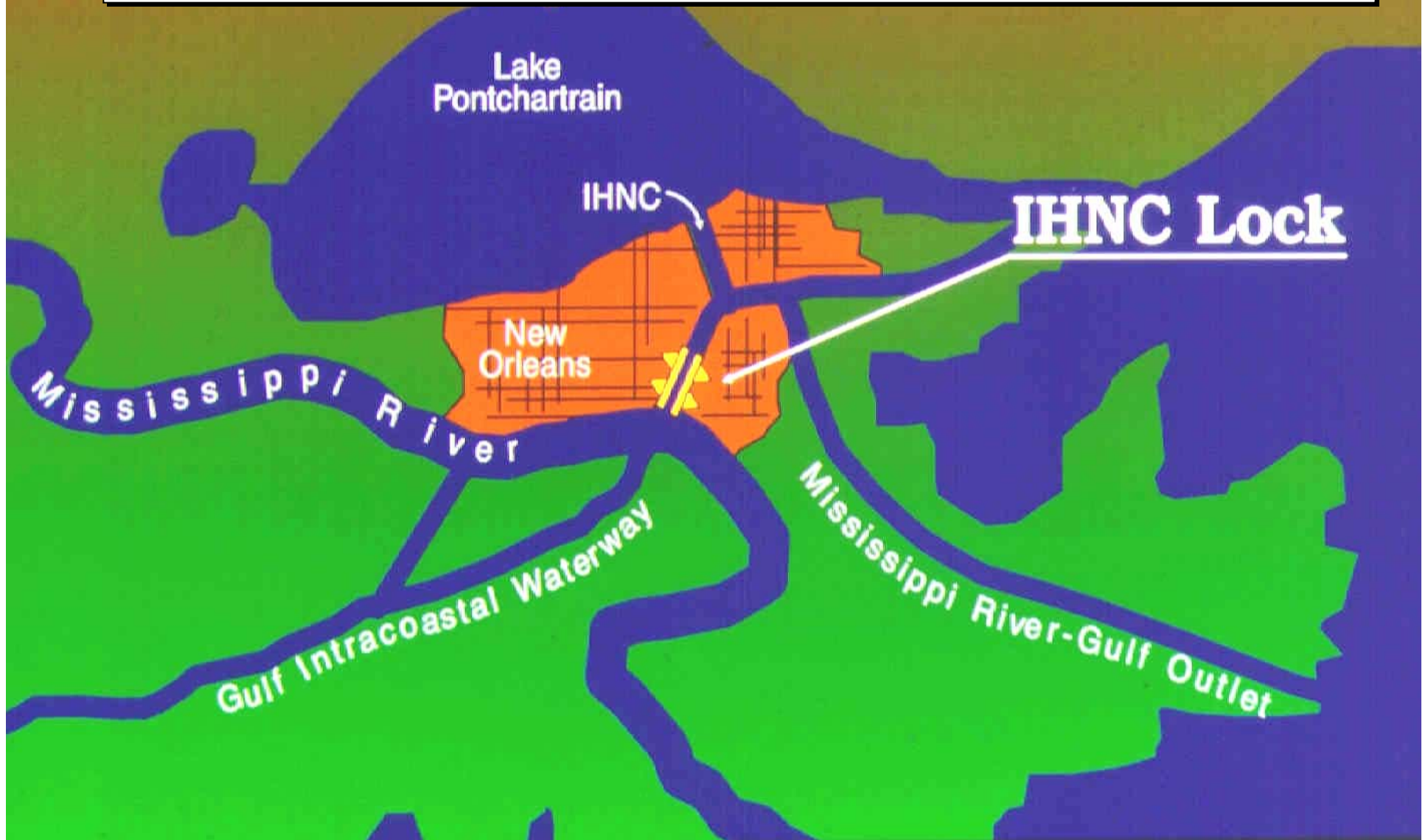


Mississippi River Navigation System

- **IHNC Lock is a vital link between the Gulf Intracoastal Waterway and the Mississippi River**

- Mississippi River Systems**
- Other Navigable Waterways**

IHNC Lock Replacement Project



Reasons for the Project

- ★ Critical to Nation's Commerce
- ★ Priority Replacement Lock in the Inland Waterway System
- ★ One of the most congested locks in the Inland System
- ★ Existing Lock is too small



An aerial photograph of the Duluth Lock and Dam on the St. Louis River. The lock is a long, narrow structure with a bridge crossing it. The river flows through the center of the image, with industrial areas and residential neighborhoods on either side. The lock is surrounded by various structures, including buildings and parking lots. The river is a deep blue color, and the surrounding land is a mix of green grass and brown earth.

Current Lock –

Placed in Service 1921

**75 feet wide by 640 feet long
by 31.5 feet deep**

**Average delay is 11 hrs, can
be as much as 24-36 hrs**

Existing Conditions



Existing Conditions

An aerial photograph showing a large-scale infrastructure project. A long, rectangular lock structure is being built in a body of water. The lock is divided into sections by concrete walls. A bridge with two tall towers and a truss span crosses the lock. Several large cargo ships are docked along the lock's length. The surrounding area includes industrial facilities, parking lots, and residential neighborhoods. The water is a mix of blue and brown, indicating some sediment or algae.

Recommended Plan –

Deep Draft Lock

**110 feet wide by 1200 feet
long by 36 feet of draft**

Cost - \$804 million

CONCEPTUAL VIEW OF COMPLETED PROJECT



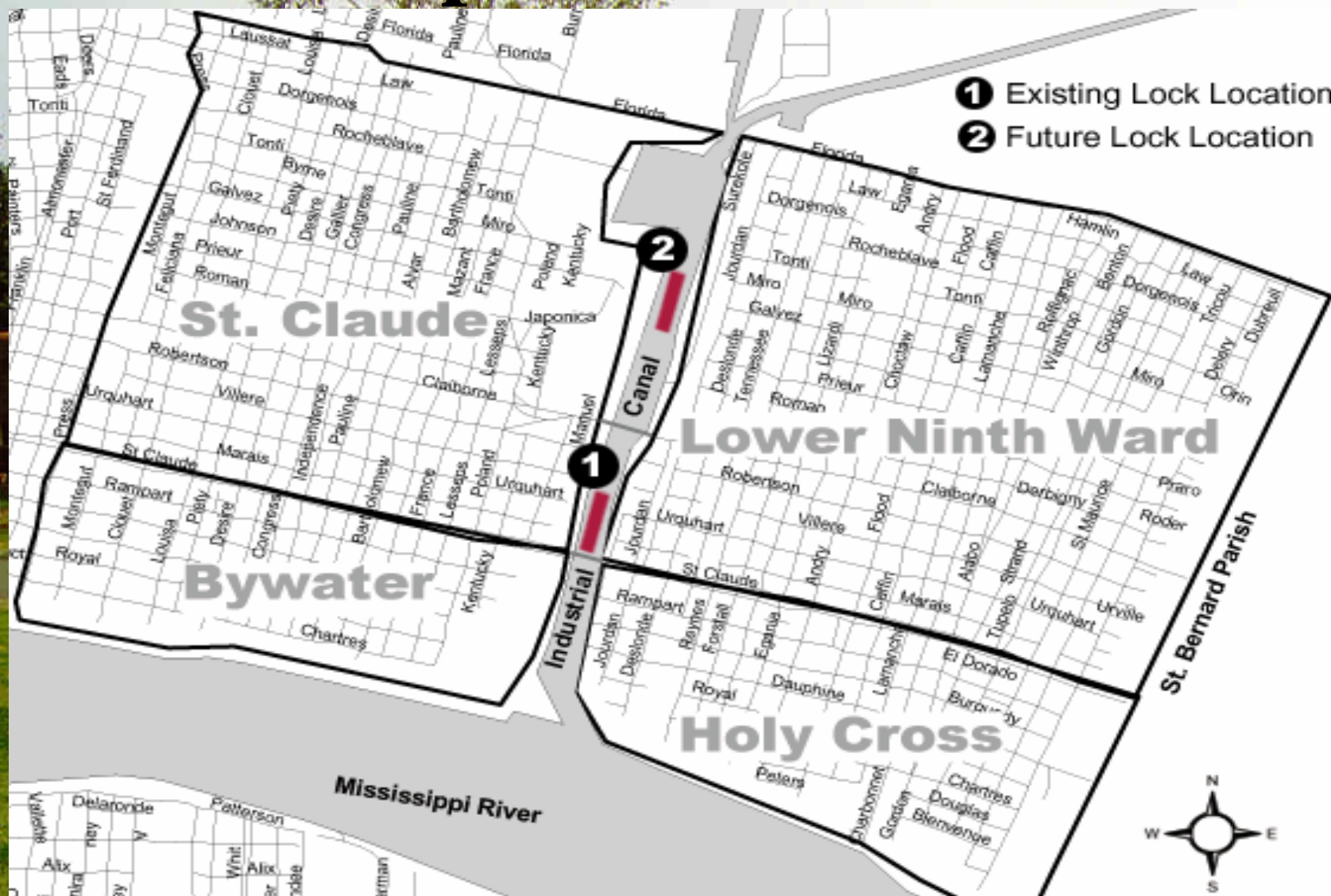
Project Cost Sharing

★ Total Cost	\$804,000,000
● IWW Trust Fund	\$324,611,500
● Corps Regular Appropriations	\$408,688,500
● Non-Fed	\$ 70,700,000

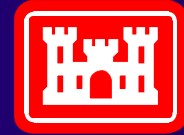
Community Impact Mitigation Plan

- ★ Plan is One of a Kind
- ★ Specifically authorized by Congress (WRDA 96)
 - “The Secretary shall implement a comprehensive community impact mitigation plan...”
- ★ Estimated Dollars (\$48.0 M)
- ★ Implement up front as construction begins

The Impact Communities



Involving the Community



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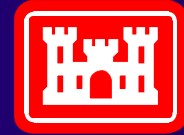
Community-Based Mitigation Committee (CBMC) Concept:

- A unique effort to build a broad-based community participation process to work in tandem with the Corps throughout the IHNC Lock Replacement Project

Goal:

- Provide valuable input toward the formulation and implementation of a Community Impact Mitigation Plan

Partnering with CBMC



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★ Objective:

- A unique partnership effort between Community & the Corps of Engineers
- Chance to build a broad-based community participation process

★ Benefits:

- Enhanced trust and confidence between area residents and the Corps
- Opportunity for urban revitalization through expenditure of mitigation funds

Inner Harbor Navigation Canal Lock Replacement Ongoing Work

- ★ **In October 2006 the project was enjoined by order of Federal Court.**
- ★ **No work is to be done on the project until a Supplemental Environment Impact Statement (SEIS) is completed.**
- ★ **Construction Method Determination in August 2007**

FUNDING

3rd Supplemental Funding
\$12,500,000 (received)

FY 07 Funding –
\$4,000,000 (received)

FY 08 President's Budget
\$ 0





**For more information - Project Website –
www.mvn.usace.army.mil/prj/ihnc**